Literature Cited

Abrams, M.D. 1999. Red maple taking over eastern forests. J. Forestry 97(5): Focus 6.

Alverson, W.S., W. Kuhlmann and D.M. Waller. 1994. Wild Forests. Island Press, Washington, D.C.

Andersen, M. 1999. Ecological conservation: a comprehensive approach to conserving biodiversity. The Nature Conservancy, Northeast and Eastern Divisions. 4p.

Anderson, M.G. and S.L. Bernstein (editors). 2003. Planning methods for ecoregional targets: Matrix forming ecosystems. The Nature Conservancy, Conservation Science Support, Northeast & Caribbean Division, Boston, MA.

Aplet, G.H., N. Johnson, J.T. Olsen, and V.A. Sample. 1993. Conclusion – Prospects for a sustainable future. Pages 309-314 in G.H. Aplet, N. Johnson, J.T. Olson, and V.S. Sample, eds., Defining sustainable forestry. Island Press, Washington, D.C.

Armstrong, D.S., T.A. Richards and G.W. Parker. 2001. Assessment of habitat, fish communities, and stream flow requirements for habitat protection, Ipswich River, Massachusetts, 1998-99. USGS Water-Resources Investigations Report 01-4161. U.S. Department of the Interior, U.S. Geological Survey. Northborough, MA.

Armstrong, D.S., G.W. Parker, and T.A. Richards. 2003. Evaluation of streamflow requirements for habitat protection by comparison to streamflow characteristics at index-streamflow gauging stations in southern New England. USGS Water-Resources Investigations Report 03-4332. U.S. Department of the Interior, U.S. Geological Survey. Northborough, MA.

Bailey, R. G. 1995. Descriptions of the ecoregions of the United States. 2nd. ed. Misc. Publ. No. 1391 (rev.). Washington, D.C.: USDA Forest Service. 108pp. + map.

Barbour, H., T. Simmons, P. Swain and H. Woolsey. 1998. Our irreplaceable heritage: Protecting biodiversity in Massachusetts. Natural Heritage & Endangered Species Program, MA Division of Fisheries & Wildlife, Westborough, MA, and The Massachusetts Chapter of The Nature Conservancy, Boston, MA. 83p.

Bellemare, J., Motzkin, G. and Foster, D.R. 2002. Forest legacies of the agricultural past in the forested present: an assessment of historical land-use effects on rich mesic forest. Journal of Biogeography, 29, 1401-1420.

Berlik, M.M., D.B. Kittredge, and D.R. Foster. 2002. The illusion of preservation: a global environmental argument for the local production of natural resources. Harvard Forest Paper No. 26. Harvard Forest, Harvard University, Petersham, MA.

Bertin, R. I., M. E. Manner, B. F. Larrow, T. W. Cantwell and E. M. Berstene. (publication pending). Norway maple and other non-native trees in urban woodlands of central Massachusetts. Journal of the Torrey Botanical Society.

Braun, E.L. 1950. Deciduous forests of eastern North America. Hafner Press, New York.

Breunig, K. 2003. Losing ground: at what cost? Massachusetts Audubon Society, Advocacy Dept. Lincoln MA. 28 pp.

Bromley, S.W. 1935. The original forest types of southern New England. Ecological Monographs, 5, 61-89.

Center for Watershed Protection. 1998. Rapid watershed planning handbook: A comprehensive guide for managing urbanizing watersheds. Center for Watershed Protection. MD

Cline, A.C. and Spurr, S.H. 1942. The virgin upland forest of central New England: a study of old-growth stands in the Pisgah Mountain section of southwestern New Hampshire. Harvard Forest Bulletin, no. 21. Petersham, MA.

Cogbill, C.V., Burk, J. and Motzkin, G. 2002. The forests of pre-settlement New England, USA: spatial and compositional patterns based on town proprietor surveys. Journal of Biogeography, 29, 1279-1304.

Commonwealth of Massachusetts. 2001. BioMap: Guiding land conservation for biodiversity in Massachusetts. Executive Office of Environmental Affairs, MA Div. of Fisheries & Wildlife, Natural Heritage & Endangered Species Program, Westborough, MA.

Cooperative Extension Service, Directory of "Commercial Sawmill Operators and Loggers in Massachusetts 1980" University of MA, United States Department of Agriculture and County Extension Services cooperating. SP-109-R

Damery, D. T., G. W. Boyce 2003. "Massachusetts Directory of Sawmills & Dry Kilns 2003". University of Massachusetts (Amherst) and Department of Conservation & Recreation.

Darey, G.L. and G.S. Jones. 1997. Massachusetts Division of Fisheries and Wildlife: Historical and current perspectives. Mass. Div. of Fisheries and Wildlife, Boston, MA.

DeGraaf, R.M. and R.I. Miller. 1996. The importance of disturbance and land-use history in New England: implications for forested landscapes and wildlife conservation. Pg. 3-35 in: R.M. DeGraaf and R.I. Miller (eds.), Conservation of faunal diversity in forested landscapes. Chapman & Hall, London, UK. 633 p.

DeGraaf, R.M., M. Yamasaki, W.B. Leak and J.W. Lanier. 1992. New England wildlife: Management of forested habitats. USDA Forest Service Gen. Tech. Rep. NE-144. Northeast Forest Exp. Sta., Radnor, PA 271 pp.

DeGraaf, R.M., M. Yamasaki, W.B. Leak, and A. M. Lester. 2005. Landowner's guide to wildlife habitat: Forest management for the New England Region. University of Vermont Press, Burlington, VT.111 p.

DeGraaf, R.M. and W.M. Healy 1993. The myth of nature's constancy – preservation, protection and ecosystem management. Trans. of the N. Amer. Wildl. and Natur. Resour. Conf. 58:17-28.

DeGraaf, R.M., W.M. Healy and R.T. Brooks. 1991. Effects of thinning and deer browsing on breeding birds in New England oak woodlands. Forest Ecology and Manage. 41:179-191

deMayndier, P.G. and M.L. Hunter. 1995. The relationship between forest management and amphibian ecology: a review of the North American literature. Environ. Rev. 3:230-261.

Department of Environmental Management. 1983. *The Massachusetts Landscape Inventory*. Boston: Commonwealth of Massachusetts.

Dudley, N. and S. Stolton. 2003. Running Pure: the importance of forest protected areas to drinking water. World Bank/WWF Alliance for Forest Conservation and Sustainable Use.

Dunwiddie, P.D., D. Foster, D. Leopold and R.T. Leverett. 1996. Old-growth forests of southern New England, New York, and Pennsylvania. Pg. 126-143 in: M.B. Davis, ed., Eastern old-growth forests. Island Press, Washington, D.C.

Flatebo, G., C.R. Foss and S.R. Pelletier.1999. Biodiversity in the forests of Maine: Guidelines for land management. Univ. of Maine Cooperative Extension Bulletin #7147, Orono, ME. 134pp

Foster, C.H.W. and D.R. Foster. 1999. Thinking in forest time: A strategy for the Massachusetts forest. Harvard Forest Paper No. 24, Harvard Forest, Harvard University, Petersham, MA.

Foster, D.R., G. Motzkin and B. Slater. 1998. Land-use history as long-term broad-scale disturbance: Regional forest dynamics in Central New England. Ecosystems (1998) 1:96-119.

Foster, D.R., G. Motzkin, D. Bernardos and J. Cardoza. 2002. Wildlife dynamics in the changing New England landscape. J. Biogeography. 29(10/11): 1337-1358.

Foster, D.R., S. Clayden, D.A. Orwig, B. Hall and S. Barry. 2002. Oak, chestnut, and fire: climatic and cultural controls of long-term forest dynamics in New England, USA. Journal of Biogeography, 29, 1359-1380.

Franklin, J.F. 1998. Structural and functional diversity in temperate forests. Pages 166-175 in E.O. Wilson, ed, Biodiversity. National Academy Press. Washington, DC.

Franklin, J.F. 1993. Lessons from old-growth. J. Forestry, 91(2):10-13.

Franklin, J.F. and R.T.T. Forman 1987. Creating landscape pattern by forest cutting: ecological consequences and principles. Landscape Ecology, 1:5-18.

Fuller, J.L., D.R. Foster, J.S. McLachlan and N. Drake. 1998. Impact of human activity on regional forest composition and dynamics in central New England. Ecosystems (1998)1:76-95.

Garrett, J.D., T. Cassidy, K. McGarigal, K.B. Searcy and R. Harrington. 2000. Rare, unique and exemplary natural communities of Quabbin Watershed – Final Report. University of Massachusetts, Department of Natural Resources Conservation. Amherst, MA.

Gerhardt, F. and Foster, D.R. 2002. Physiographical and historic effects on forest vegetation in central New England, USA. Journal of Biogeography, 29, 1421-1438.

Hall, B., Motzkin, G., Foster, D.R., Syfert, M. and Burk, J. 2002. Three hundred years of forest and land-use change in Massachusetts, USA. Journal of Biogeography, 29, 1319-1336.

Hansen, A.J., T.A. Spies, F.J. Swanson and J.L. Ohmann. 1991. Conserving biodiversity in managed forests. BioScience, 41:382-392.

Hunter, M. 1996a. Fundamentals of conservation biology. Blackwell Science, Cambridge, MA.482pp

Hunter, M.L. 1996. Benchmarks for managing ecosystems: Are human activities natural? Conserv. Biol. 10(2):695-697.

Irland, L. 1999. Post-settlement changes in forests of the Northeast. Forest Ecosystem Information Exchange, Orono, ME. 10/29/1999.

Keys, Jr. J. C. Carpenter, S. Hooks, F. Koenig, W.H. McNab, W. Russell, & M.L. Smith. 1995. Ecological units of the eastern United States – first approximation (map and booklet of map unit tables). Atlanta GA: US Dept of Agriculture, Forest Service.

Kittredge, D.B. Jr., A.O. Finley and D.R. Foster. 2003. Timber harvesting as ongoing disturbance in a landscape of diverse ownership. Forest Ecology and Management. 180 (2003): 425-442.

Lindenmayer, D.B. and J.F. Franklin. 1997. Managing stand structure as part of ecologically sustainable forest management in Australian mountain ash forests. Conserv. Biol. 11(5):1053-1068.

Lorimer, C.G. and L.E. Frelich. 1994. Natural disturbance regimes in old-growth northern hardwoods: Implications for restoration efforts. J. Forestry, 92:33-38.

Massachusetts Historical Commission. 1985. *Historic and Archaeological Resources of Central Massachusetts*. Boston: Massachusetts Historical Commission.

Massachusetts Historical Commission. 1986. *Historic and Archaeological Resources of the Connecticut River Valley*. Boston: Massachusetts Historical Commission

Massachusetts Invasive Plant Advisory Group. 2005. The Evaluation of Non-Native Plant Species for Invasiveness in Massachusetts (with annotated list). Final report February 28, 2005.

McGarigal, K., et al. 2005. Conservation Assessment and Prioritization System (CAPS), Highlands Communities Initiative PHASE 1, Final Report, Landscape Ecology Program, Department of Natural Resources Conservation, University of Massachusetts, Amherst. June 9, 2005.

McNab, W.H. & P.E. Avers. 1994. Ecological Subregions of the United States: Section Descriptions. US Dept of Agriculture, Forest Service. WO-WSA-5 Prepared in cooperation with Regional compilers and the ECOMAP Team of the Forest Service.

Meier, A.J., S.P. Bratton and D.C. Duffy. 1995. Possible ecological mechanisms for loss of vernal-herb diversity in logged eastern deciduous forests. Ecol. Applications 5(4):935-946

Mladenoff, D.J. and J. Pastor. 1993. Sustainable forest ecosystems in the northern hardwood and conifer forest region: concepts and management. Pages 145-180 in G.H. Aplet, N. Johnson, J.T. Olson, and V.S. Sample, eds., Defining sustainable forestry. Island Press, Washington, D.C.

Mladenoff, D.J., M.A. White, J. Pastor, and T.R. Crow. 1993. Comparing spatial pattern in unaltered old-growth and disturbed forest landscapes. Ecol. Applications, 3(2):294-306.

Moore, M. E., 1985. "Massachusetts Forest Resources – A Working Guide to Action". Department of Environmental Management, Division of Forests and Parks.

NHESP. 2001. BioMap: guiding land conservation for biodiversity in Massachusetts. Natural Heritage & Endangered Species Program, Massachusetts Division of Fisheries & Wildlife.

NHESP. 2003. Living Waters: Guiding the protection of freshwater biodiversity in Massachusetts. Natural Heritage & Endangered Species Program, Massachusetts Division of Fisheries & Wildlife, Westborough, MA.

Norton, D. 1999. Forest Reserves. Pp 525-555 in M.L. Hunter, Jr., ed. Maintaining biodiversity in forest ecosystems. Cambridge Univ. Press. New York, NY. 667p.

Noss, R.F. 1993. Sustainable forestry or sustainable forests? Pages 17-41 in G.H. Aplet, N. Johnson, J.T. Olson, and V.S. Sample, eds., Defining sustainable forestry. Island Press, Washington, D.C.

Parshall, T. and Foster, D.R. 2002. Fire on the New England landscape: regional and temporal variation, cultural and environmental controls. Journal of Biogeography, 29, 1303-1318.

Parasiewicz, P. and M. Goettel. 2003. Ecohydrology study of the Quinebaug River – final report. Instream Habitat Program and NY Cooperative Fish and Wildlife Research Unit, Department of Natural Resources, Cornell University, Ithaca, NY.

Petersen, C. 2000. Forest resources of Massachusetts. Mass. Dept. of Envir. Management. 27 pp.

Rogers, P. 1996. Disturbance ecology and forest management: a review of the literature. Gen. Tech. Rep. INT-GTR-366. U.S. Dept. of Agric., Forest Service, Intermountain Research Station, Ogden, UT.

Rowe, J.S. 1992. The ecosystem approach to forestland management. Forestry Chronicle. 68(1): 222-224.

Seymour, R.M. and M.L. Hunter, Jr.. 1999. Principles of ecological forestry. Pages 22-64 in M.L. Hunter, Jr. ed. Maintaining biodiversity in forest ecosystems. Cambridge Univ. Press. New York.

Sohngen, B., R. Mendelsohn and R. Sedjo. 1999. Forest management, conservation, and global timber markets. Amer. J. Agr. Econ. 81:1-13.

Somers, P. personal communication. Massachusetts Natural Heritage and Endangered Species Program. Westborough, MA.

Sorrie, B.A., and P Somers. 1999. The Vascular Plants of Massachusetts: A County Checklist. Massachusetts Division of Fisheries and Wildlife Natural Heritage & Endangered Species Program, Westborough, MA.

Spurr, S.H. and A.C. Cline. 1942. Ecological forestry in central New England. J. Forestry 40:418-420.

Swain, P.C. and J.B. Kearsley. 2001. Classification of the Natural Communities of Massachusetts (Draft). Natural Heritage & Endangered Species Program, Massachusetts Division of Fisheries and Wildlife, Westborough, MA.

Tilghman, N. G. 1989. Impacts of white-tailed deer on forest regeneration in northwestern Pennsylvania. Journal of Wildlife Management. 56:154-157.

USFS, 2002. Trends in Massachusetts forests: a half-century of change. USDA Forest Service. NE-INF-154-02

Vora, R.S. 1994. Integrating old-growth forest into managed landscapes: A northern great lakes perspective. Natural Areas Journal 14:113-123

Waller, D.M. and W.S. Alverson. 1997. The white-tailed deer: a keystone herbivore. Wildlife Society Bulletin 25:213-214.

Walters, C.J. and C.S. Holling. 1990. Large-scale management experiments and learning by doing. Ecology, 7(16):2060-2068

Warren, R.J. 1997. The challenge of deer overabundance in the 21st century. Wildlife society Bulletin 25:213-214.

Yahner, R.H. 1995. Eastern deciduous forest: Ecology and wildlife conservation. Univ. of Minnesota Press, Minneapolis, MN.